



BUSH CREEK - UPPER

FILLMORE INLET

# PEAK ESCAPEMENT RECORD

Fillmore River  
101-11-79

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9-18-27	20,000			
8-8-28	45,000	5,000	200 red	
9-12-30	300,000			Excellent. 50,000 off mouth.
9-24-40	75,000	100		Excellent. Few at mouth.
9-28-42	50,000	25,000	500 coho	Excellent. 25,000 at mouth.
10-2-46				Very poor. 2000 live, very few dead.
9-27-48	1,000	200		Poor.
10-1-49	4,000	100		6,000 dead pinks.
9-11-50	519	28	6 coho	4 dead.
8-13-53	10,000			Stream guard reports 30,000.
9-27-54	100			None at mouth.
9-16-55	40,000	25,000	8000 coho	
9-19-56	100,000	2,500	9000 reds, 8-16	
9-8-57	15,000	5,000 on 9-1		Reds beach spawning in lake. Some chum. 200 dead pinks.
9-19-60	4,200	few		
8-23-61	12,000			All schooled. Water low.
8-28-62	14,000		200 reds at head of lake.	Good visibility. Reds at head of lake. 200 at mouth.
8-14-63	10,100			20,000 at mouth. Vis. poor.
9-4-64	5,000			Vis. ex. Fish mostly in lower portion. 1900 I.T.
8-18-65	500		50 red at lake hd.	5-600 at mouth. Vis. excellent.
8-18-66	7,000		400 reds, 400 coho	Sockeye spawning on lake shore.
8-7-67	N.O.	N.O.		Visibility fair to poor.
8-27-68	21,000			10,000 @ mouth & I.T. Fair vis.
9-8-69	600			Rough flying.

Name Fillmore River Catalog No. 101-11-10190  
Latitude N 54° 57' WR No. 5A  
Longitude W 130° 28' 24" K No. 8  
Geodetic Map No. Pr. Rupert D-2 Work Area Ketchikan  
Location Fillmore Inlet - head Watershed Length 4.5 Miles  
Drainage Area of Watershed 16 sq. miles (polar planimeter)  
Water Supply Type Large lake (12 acres) found on the main fork of the creek. Second-  
ary suppliers include runoff, groundwater and precipitation.  
Trails & Survey Routes The only known route for surveying the system is by walking  
up the streambed. Difficult during high waters.  
Aerial Survey Notes Excellent conditions exist. Maximum concentrations have been  
found in the ITZ and lower stream. Possible to land on lake.  
Anchorage Outer chuck off small stream in N.E. corner. Inner chucks and lagoon are  
uncharted.  
Tide Stage When Surveyed 1st half of ebb.

#### FISHERY RESOURCES

Commercial Fisheries Pink, chum, red and coho

Escapement High historic - pink 300,000 (1930), chum 25,000 (1955), coho 8,000 (1955)  
red 9000 (1956). Ave. Pink esc. 1961-74 11,470. Spawning area = 44,146 m<sup>2</sup>. (10560' L x 75' W x  
Species Composition 75% pink 15% chum 5% coho 5% red 60% ASA)

Timing Middle - August, September

Schooling areas Pools located above the lagoon and below the forks have histor-  
ically been heaviest used for schooling.

Shellfish Potential Poor clam production. Dungeness crab may be found in abundance  
at the head of the inlet (not proven).

Sport Fisheries Excellent coho, red, chum, pink, with probably steelhead, cut-  
throat, Dolly Varden. Halibut in inlet.

Land Use at Present None

History of Land Use Handlogging, mineral explorations and old Indian fish  
traps in vicinity.

Rehabilitation Potential None necessary.

Soils Stable, but prone to sluffing or high erosion if logging occurs on the steep  
slopes adjacent to the stream.

#### GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	-
	Number of droppings	-
Geese -----	Number seen on tide flats	-
	Number seen up creek	-
	Number of broods seen	-
Mallards ---	Number seen on tide flats	-
	Number seen up creek	-
	Number of broods seen	-
Mergansers -	Number of broods seen	-
Bald Eagles-	Number seen along creek	-
	Number of nests seen and location	-
Seals -----	Number seen at mouth of stream	-
Tide flats -	Estimate length along beach	1 mile
	Estimate depth out from beach	100 yds.
	Eel grass present on what percent of flats	1%



FILLMORE LAKE -  
looking from head  
creek.



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